

SERVICE MANUAL

WA240  **Sherwood**

STYLISH AUDIO SYSTEM

CONTENTS

SCHEMATIC DIAGRAMS
ELECTRICAL PARTS LIST

	DESCRIPTION	PARTS NO.
HEAT SINK ASSY	WA240(A) AL6060-EXT/MAIN	2128020298020
SCREW	+2S 3*16 P+S-WASHER ZNY/HH	1507041146010
HEAT SINK	WA240(A) AL6060-EXT /MAIN	2120020298020
BRACKET	WA240 SECC T1.0/HEAT SINK	4010020996010
SCREW,TAP TITE	+2S 3*6 B-TYPE BK/BH	B020030063B10
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/BH	B020030083B10
IC,LINEAR-REGULATOR	IC KIA78012AP (KIA7812P)	J126780120000
IC,LINEAR-REGULATOR	KIA7808P,20W-TO220AB	J126780800110
PANEL	WA240RDS(D) /FRONT	3067021062020
PANEL	WA240 HALF MIRROR /FRONT	3060021062010
CHASSIS	WA240RDS(D) /JACK	3207020706030
CHASSIS	WA240 SECC T1.0/JACK	3200020706010
FRAME	WA240(A) PC-ABS(GP5006AF) /MAIN	3210020203010
FRAME	WA240(A) PC-ABS(GP-5006AF) /BOTTOM	3210020213010
GROUND	WA240 SPTE 0.3T/HEAD	3650020036010
BRACKET	WA240 SECC T1.0/JOIN	4010020986010
BRACKET	WA240 SECC T1.6/WALL 1	4010021006010
BRACKET	WA240 SECC T=2 BK/SCREW	4010021106010
BRACKET	WA240/WALL-3	4017021028010
BRACKET	WA240 AL/WALL 3	4010021028010
BRACKET	WA240/WALL-4	4017021028020
BRACKET	WA240 AL/WALL-4	4010021028020
BRACKET	WA240/HANDLE	4017021038010
BRACKET	WA240 AL/HANDLE	4010021038010
BRACKET ASSY	WA240/WALL2	4018021016010
BRACKET	WA240/WALL-2	4017021016010
BRACKET	WA240 SECC T1.6/WALL 2	4010021016010
INSERT	WA240/RUBBER WALL 2	4510020015010
SUPPORTER	WA240 ABS BK/FLT	4070020181010
SUPPORTER	WA240 ABS BK/PANEL	4070020191010
SUPPORTER	WA240/DOOR CD	4077020171010
SUPPORTER	WA240 ABS/DOOR-CD	4070020171010
COVER	WA240(A) PC-ABS(GP5006AF) /HEAT-SINK	4310020603010
STOPPER	CORD HOLDER DACH-1	4380040162010
PLATE	WA240 SPTE/EARTH	4470020546010
DOOR	WA240RDS(D) /CD	5047020248020
DOOR	WA240 AL/CD	5040020248010
WINDOW	WA240RDS(D) /DECK	5077020533020
WINDOW	WA240 PMMA HI855M /DECK	5070020533020
BUTTON	WA240	5097021601010
BUTTON	WA240 ABS	5090021601010
DECORATION	WA240 PMMA HI855M /DECK L	5120020093020
DECORATION	WA240 PMMA HI855M /DECK R	5120020103020
DECORATION	WA240/CD-L	5127020071010
DECORATION	WA240 ABS BK/CD L	5120020071010
DECORATION	WA240/CD-R	5127020081010
DECORATION	WA240 ABS BK/CD R	5120020081010
LABEL	WA240RDS(D) /PACKING	5507051490020
LABEL RATING	WA240RDS(D)	5527020350030
LABEL RATING	BAR CODE	5527040660010
LABEL RATING	LABEL FUSE CAUTION	5527042410010
LABEL RATING	LABEL CLASS1 CD1065/1070RC	5527047730010

	DESCRIPTION	PARTS NO.
LABEL RATING	LABEL HARZARD(EUROP ALL)	5527055210010
INSTRUCTION MANUAL AS	WA240RDS(D)	5708020580030
INSTRUCTION MANUAL	WA240RDS(D)	5707020580031
WARRANTY CARD	AV757B ALL	5727041620020
POLY BAG	LDPE,W55*D70/ACCESSORY	6330000000000
POLY BAG	330*240*0.05 NO-SILK JACK-HOLE	6330040062010
REMOCON	WA240RDS 37KEY	8300040230080
SCREW,MACHINE	+BM 4X8(B)	B000040083B10
ANTENNA,FM T	EXIT/1470MM*2085MM	E604000040000
BATTERY,DRY	R03NE(1.5V)-AAA	G670011R50000
CN.WAFER	MATCHING TRANS(EUR)	L109284007200
WIRE ASSY	INKEL/PI0.18*20심*2M	L208000010010
BOX,GIFT	WA240(A) /CARTON	6007020280020
BOX,GIFT	IN-SIZE 630(W)*380(D)*360(H)/SET	6000020280010
CUSHION,SNOW	WA240 EPS 55/SET	6230020444010
CUSHION,SNOW	WA240 EPS-55/ACCESSORY	6230020564010
PAD	WA240 EPS 380*180*50T/CUSHION	6240020264010
PAD	WA240 18*35*3T EVA	6240020275010
PAD	WA240 4*18*5T EVA	6240020275020
POLY BAG	NITRON W470*600 BK 4DO-SL	6330000299010
P.C.B TOTAL ASSY	WA240RDS(D) /MAIN	7025021770030
HEAT SINK	WA240 AL6063 35MM/SUB	2120000818030
TERMINAL	ALL PBST/GND-REEL	3790040876010
R,CARBON FILM	10-J,1/5W-52RE-AX	C00001006P520
R,CARBON FILM	100-J,1/4W-52RE-AX	C000010163520
R,CARBON FILM	100-J,1/5W-52RE	C00001016P520
R,CARBON FILM	1K-J,1/2W-F12.5	C000010264120
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,CARBON FILM	10K-J,1/5W-52RE-AX	C00001036P520
R,CARBON FILM	1.2K-J,1/4W-52RE-AX	C000012263520
R,CARBON FILM	12K-J,1/5W-52RE-AX	C00001236P520
R,CARBON FILM	15K-J,1/5W-52RE-AX	C00001536P520
R,CARBON FILM	22-J,1/5W-52RE-AX	C00002206P520
R,CARBON FILM	220-J,1/5W-52RE-AX	C00002216P520
R,CARBON FILM	2.2K-J,1/4W-52RE-AX	C000022263520
R,CARBON FILM	2.2K-J,1/2W-F12.5 A5	C000022264120
R,CARBON FILM	2.2M-J,1/5W-52RE-AX	C00002256P520
R,CARBON FILM	33K-J,1/5W-52RE-AX	C00003336P520
R,CARBON FILM	39K-J,1/5W-52RE-AX	C00003936P520
R,CARBON FILM	4.7K-J,1/5W-52RE-AX	C00004726P520
R,CARBON FILM	47K-J,1/4W-52RE-AX	C000047363520
R,CARBON FILM	47K-J,1/5W-52RE-AX	C00004736P520
R,CARBON FILM	56K-J,1/5W-52RE-AX	C00005636P520
R,CARBON FILM	820-J,1/5W-52RE-AX	C00008216P520
R,CARBON FILM	8.2K-J,1/5W-52RE-AX	C00008226P520
R,CARBON FILM	2.2-J,1/4W-52RE-AX	C0002R2063520
R,METAL FILM 100PPM	1-J,1/4W-R.TYPE REEL	C060001063050
R,METAL FILM 100PPM	10-J,1/4W-R.REEL	C060010063050
R,METAL FILM 100PPM	100-J,1/4W-R.REEL	C060010163050
R,METAL FILM 100PPM	220-J,1/4W-R.REEL	C060022163050
R,METAL FILM 100PPM	330-J 1/4W-R,REEL	C060033163050
R,METAL FILM 100PPM	47-J,1/4W-R.REEL	C060047063050

	DESCRIPTION	PARTS NO.
VR,SEMI CARBON MOLD	EVM-DJAA03B25/REEL	C541204115000
VR,SEMI CERMET MOLD	100KB-6.4H3P,0.1W-50V	C544104015140
C,CERAMIC T.C DISC	CJ3PF-C/50V-5RE	D000030107050
C,CERAMIC HIK DISC	F0.01UF-Z/50V-5RE	D004103097060
C,CERAMIC HIK DISC	F0.01UF-Z/500V-5RE	D00410359D050
C,CERAMIC HIK AXIAL	B100PF-K/50V-52RE	D005101177520
C,CERAMIC HIK AXIAL	Y0.01UF-M/16V-52RE	D005103773530
C,CERAMIC HIK AXIAL	B270PF-K/50V-52RE	D005271277520
C,CERAMIC HIK AXIAL	B560PF-K/50V-52RE	D005561277520
C,CERAMIC SEMI DISC	F0.1UF-Z/50V-5RE PI6	D006104597050
C,FILM POLYESTER	MI-0.01UF-J/50V-5RE	D020103167050
C,FILM POLYESTER	MI-0.022UF-J/50V-5RE	D020223167050
C,FILM POLYESTER	MI-0.068UF-J/50V-5RE ECQ-VIH103JL3	D020683167060
C,ELECT GE 85C	1UF-M/50V,5*11-5RE	D040010087050
C,ELECT GE 85C	1UF-M/50V,3*5-5RE	D040010087070
C,ELECT GE 85C	10UF-M/50V,5*11-5RE	D040100087050
C,ELECT GE 85C	10UF-M/50V,5*7-5RE	D040100087060
C,ELECT GE 85C	100UF-M/10V,5*11-5RE	D040101082060
C,ELECT GE 85C	D040-10108-305-0	D040101083070
C,ELECT GE 85C	100UF-M/50V,8*11.5-5RE.SY	D040101087060
C,ELECT GE 85C	22UF-M/35V,5*11-5RE	D040220085050
C,ELECT GE 85C	220UF-M/10V,6.3*11-5RE.SY	D040221082050
C,ELECT GE 85C	220UF-M/16V,8*11.5-5RE.SY	D040221083090
C,ELECT GE 85C	2.2UF-M/50V,5*11-5RE	D0402R2087100
C,ELECT GE 85C	2.2UF-M/50V,4*5-5RE	D0402R2087110
C,ELECT GE 85C	33UF-M/50V,6.3*8-5RE.SY	D040330087060
C,ELECT GE 85C	330UF-M/6.3V,6.3*11-5RE	D040331081050
C,ELECT GE 85C	47UF-M/16V,5*7-5RE	D040470083060
C,ELECT GE 85C	47UF-M/16V,5*11-5RE.SY	D040470083080
C,ELECT GE 85C	47UF-M/50V,6.3*11-5RE.SY	D040470087060
C,ELECT GE 85C	4.7UF-M/35V,4*5-5RE	D0404R7085050
C,ELECT GE 85C	0.22UF-M/50V,3*5-5RE	D040R22087110
C,ELECT GE 85C	0.47UF-M/50V,5*11-5RE	D040R47087050
C,ELECT GE 85C	0.47UF-M/50V,3*5-5RE	D040R47087110
FILTER,CERAMIC FM	SFE10.7MS3GH-ATF21/REEL	E430107000150
CRYSTAL	4.332MHZ,HC49U/REEL	E800433200060
CRYSTAL	7.2MHZ,20PPM-CL,13.7PF/REEL	E8007R2000070
IC,LINEAR	ICP-N25 T104/PROTEC-REEL	J120002500010
SEMI,TR/GE PNP 2SA	KSA916Y,0.9W/TO92L-REEL	J5000916Y0050
SEMI,TR/GE PNP 2SA	KTA1241Y,1W/TO92L-REEL	J5001241Y0050
SEMI,TR/GE PNP 2SA	KTA1266Y,0.6W/TO92-REEL	J5001266Y0050
SEMI,TR/GE NPN 2SC	2SC1740SR,0.3W/TO92M-REEL	J5021740S0010
SEMI,TR/GE NPN 2SC	KSC1845F,0.5W/TO92-REEL	J5021845F0000
SEMI,TR/GE NPN 2SC	KTC2878 (KEC)	J502287800000
SEMI,TR/GE NPN 2SC	KTC3198Y,0.6W/TO92-REEL	J5023198Y0000
SEMI,BRT/PNP RA	DTA114ES,0.3W/TO92M-REEL	J6000114E0010
SEMI,BRT/NPN RC	DTC144ES,0.3W/TO92M-REEL	J6020144E0010
D,SWITCHING	1SS133T-72-52MM	K000013300520
D,RECTIFIER 1N	1N4003-52MM	K040400300520
D,ZENER	MTZJ5.1B-0.5W/5MA-52MM	K06005R144520
D,ZENER	MTZJ24B-0.5W/5MA-52MM	K06024R014520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040

	DESCRIPTION	PARTS NO.
R,CHIP THICK	0-J,1/8W-3216REEL	C200000061300
R,CHIP THICK	100-J,1/10W-2012REEL	C200010160200
R,CHIP THICK	1K-J,1/10W-2012REEL	C200010260200
R,CHIP THICK	10K-J,1/10W-2012REEL	C200010360200
R,CHIP THICK	100K-J,1/10W-2012REEL	C200010460200
R,CHIP THICK	1.2K-J,1/10W-2012REEL	C200012260200
R,CHIP THICK	12K-J,1/10W-2012REEL	C200012360200
R,CHIP THICK	120K-J,1/10W-2012REEL	C200012460200
R,CHIP THICK	1.5K-J,1/10W-2012REEL	C200015260200
R,CHIP THICK	18K-J,1/10W-2012REEL	C200018360200
R,CHIP THICK	20K-J,1/10W-2012REEL	C200020360200
R,CHIP THICK	22-J,1/10W-2012REEL	C200022060200
R,CHIP THICK	2.2K-J,1/10W-2012REEL	C200022260200
R,CHIP THICK	22K-J,1/10W-2012REEL	C200022360200
R,CHIP THICK	2.7K-J,1/10W-2012REEL	C200027260200
R,CHIP THICK	330-J,1/10W-2012REEL	C200033160200
R,CHIP THICK	3.3K-J,1/10W-2012REEL	C200033260200
R,CHIP THICK	33K-J,1/10W-2012REEL	C200033360200
R,CHIP THICK	330K-J,1/10W-2012REEL	C200033460200
R,CHIP THICK	3.9K-J,1/10W-2012REEL	C200039260200
R,CHIP THICK	470-J,1/10W-2012REEL	C200047160200
R,CHIP THICK	4.7K-J,1/10W-2012REEL	C200047260200
R,CHIP THICK	47K-J,1/10W-2012REEL	C200047360200
R,CHIP THICK	5.1K-J,1/10W-2012REEL	C200051260200
R,CHIP THICK	5.6K-J,1/10W-2012REEL	C200056260200
R,CHIP THICK	680-J,1/10W-2012REEL	C200068160200
R,CHIP THICK	7.5K-J,1/10W-2012REEL	C200075260200
R,CHIP THICK	82-J,1/10W-2012REEL	C200082060200
R,CHIP THICK	820-J,1/10W-2012REEL	C200082160200
C,CERAMIC CHIP T.C	CH100PF-J/50V-20125REEL	D010101167200
C,CERAMIC CHIP T.C	CH150PF-J/50V-20125REEL	D010151167200
C,CERAMIC CHIP T.C	CH22PF-J/50V-20125REEL	D010220167200
C,CERAMIC CHIP T.C	CH27PF-J/50V-20125REEL	D010270167200
C,CERAMIC CHIP T.C	CH470PF-J/50V-20125REEL	D010471167200
C,CERAMIC CHIP T.C	CH560PF-J/50V-20125REEL	D010561167200
C,CERAMIC CHIP HIK	X0.001UF-K/50V-20125REEL	D011102777200
C,CERAMIC CHIP HIK	F0.01UF-Z/50V-20125REEL	D011103597200
C,CERAMIC CHIP HIK	F0.1UF-Z/50V-2012REEL	D011104597200
C,CERAMIC CHIP HIK	X0.0012UF-K/50V-20125REEL	D011122777200
C,CERAMIC CHIP HIK	X0.018UF-K/50V-20125REEL	D011183777200
C,CERAMIC CHIP HIK	X0.022UF-K/50V-2012REEL	D011223777200
C,CERAMIC CHIP HIK	F0.22UF-Z/50V-20125REEL	D011224597200
C,CERAMIC CHIP HIK	X0.0047UF-K/50V-20125REEL	D011472777200
C,CERAMIC CHIP HIK	X0.0056UF-K/50V-20125REEL	D011562777200
IC,CPU MICRO PROCESS	TDA7330BD RDS DEMODULAST	J020733000010
IC,AUDIO PROCESSOR	TDA7464 WITH SRS SURROUND	J085746400010
IC,LINEAR RF	IC LM7001JUM	J124700100010
SEMI,CHIP TR/PNP 2SA	DTA114EK,0.2W/SMT-REEL	J5200114E0210
SEMI,CHIP TR/NPN 2SC	DTC114EK,0.2W/SMT-REEL	J5220114E0210
SEMI,CHIP TR/NPN 2SC	DTC343TK,0.2W/SMT-REEL	J5220343T0210
SEMI,CHIP TR/NPN 2SC	KTC3880O,0.1W/SMT-REEL	J5223880O0210
D,SWITCHING CHIP	KDS160	K005016000010

	DESCRIPTION	PARTS NO.
RING,TER WIRE	BK 120MM 1007 #22 PI3.2	8410121220010
SOLDER	BAR SN/PB=60/40	A740000050000
SOLDER	WIRE,SN/PB/FLUX=60/38/2 PI1.2	A740000060000
SCREW,TAP TITE	+2S 3*8 B-TYPE ZNY/BH	B020030081B10
R,CEMENT MPR	0.1-J/5W,W14*H17	C144R10069110
C,ELECT GE 85C	2200UF-M/25V,16*25-L.BLK	D040222084030
C,ELECT GE 85C	3300UF-M/16V,12.5*25L.BLK	D040332083010
C,ELECT GE 85C	3300UF-M/35V,18*35.5L.BLK	D040332085010
COIL,IF FM	M292MEA-K5611FKG	D951561100000
COIL,IF FM	292MEA-K5612X	D951561200000
FILTER,LC MPX	253AGG-K5001-KR	E401500100000
FILTER,LC	T126SE-K5256 ANTI BIRDIE	E403126832410
RESONATOR,CERAMIC	RESONATOR CSB456F11	E830456000050
TUNER,FM	KSTF504HA,4GANG(SMALL)	E900504000010
JACK,ANT	HTR401V/1P 75OHM	G404401000010
RELAY	DG24D2-OS(M)	G680000190030
IC,LINEAR POWER	STK4152II	J122415200010
IC,LINEAR RF	LA1266	J124126600010
IC,LINEAR RF	LA3401	J124340100010
IC,LINEAR-REGULATOR	IC KIA78012AP (KIA7812P)	J126780120000
IC,LINEAR-REGULATOR	NJM7805FA,16W-T0220F	J126780500130
IC,LINEAR-REGULATOR	KIA7809PI,20W-T0220IS	J126780900020
D,RECTIFIER BRIDGE	D3SB20/DBF40C 5A-4PIN	K047004000010
CN,WIRE	100MM 2P 2MM RD/BK	L000101020050
CN,WIRE	1007 #22 110MM 5P 2.5MM	L000111050040
CN,WIRE	120MM 3P 2MM SHIELD	L000121030010
CN,WIRE	140MM 3P 2.5MM SHIELD(WH,BK,RD)	L000141030020
CN,WIRE	140MM 10P 2MM #28 WH/BK CORE	L000141100020
CN,WIRE	150MM 6P #26 2.5MM WH/BK	L000151060030
CN,WIRE	90MM 4P #26 2MM WH/BK	L000900040010
CN.WAFER 2.0MM	53014-0210 2P	L101530140210
CN.WAFER 2.5MM	5267-06A 6P	L102526700600
CN.WAFER 3.96MM	YW396-03V 3P	L104396030010
CN.FPC 1.0MM	6208-010-126 26P ST LOCKING	L130620802600
CN.FPC 1.25MM	52044-1110 11P ANGLE	L131520441100
P.C.B MANU INS ASSY	WA240/KEY	7028021772010
P.C.B AUTO INS ASSY	WA240/KEY	7027021772010
SW,TACT	SKHV10920A,5MM/260G-REEL	G180000270010
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
CN,WIRE	80MM 2P 2MM B'D IN AN/AN	L000800020010
CN.WAFER 2.0MM	53015-1010 10P ANGLE	L101530151010
P.C.B MANU INS ASSY	WA240/SPEAKER	7028021773010
P.C.B AUTO INS ASSY	WA240/SPEAKER	7027021773010
R,CARBON FILM	10-J,1/4W-52RE-AX	C000010063520
R,CARBON FILM	2.7K-J,1/5W-52RE-AX	C00002726P520
R,CARBON FILM	27K-J,1/5W-52RE-AX	C00002736P520
C,CERAMIC HIK DISC	F0.01UF-Z/500V-5RE	D00410359D050
COIL,FILTER-INDUCTOR	0.15UH-BULK	D330R15000000
SW,PUSH BLOCK	SP024 B4	G040024000010
TER,RCA 2PIN	DAERYUNG/JK0200440N	G601020044000
CN.WAFER 2.5MM	5267-05A 5P	L102526700500
P.C.B MANU INS ASSY	WA240/LED	7028021774010

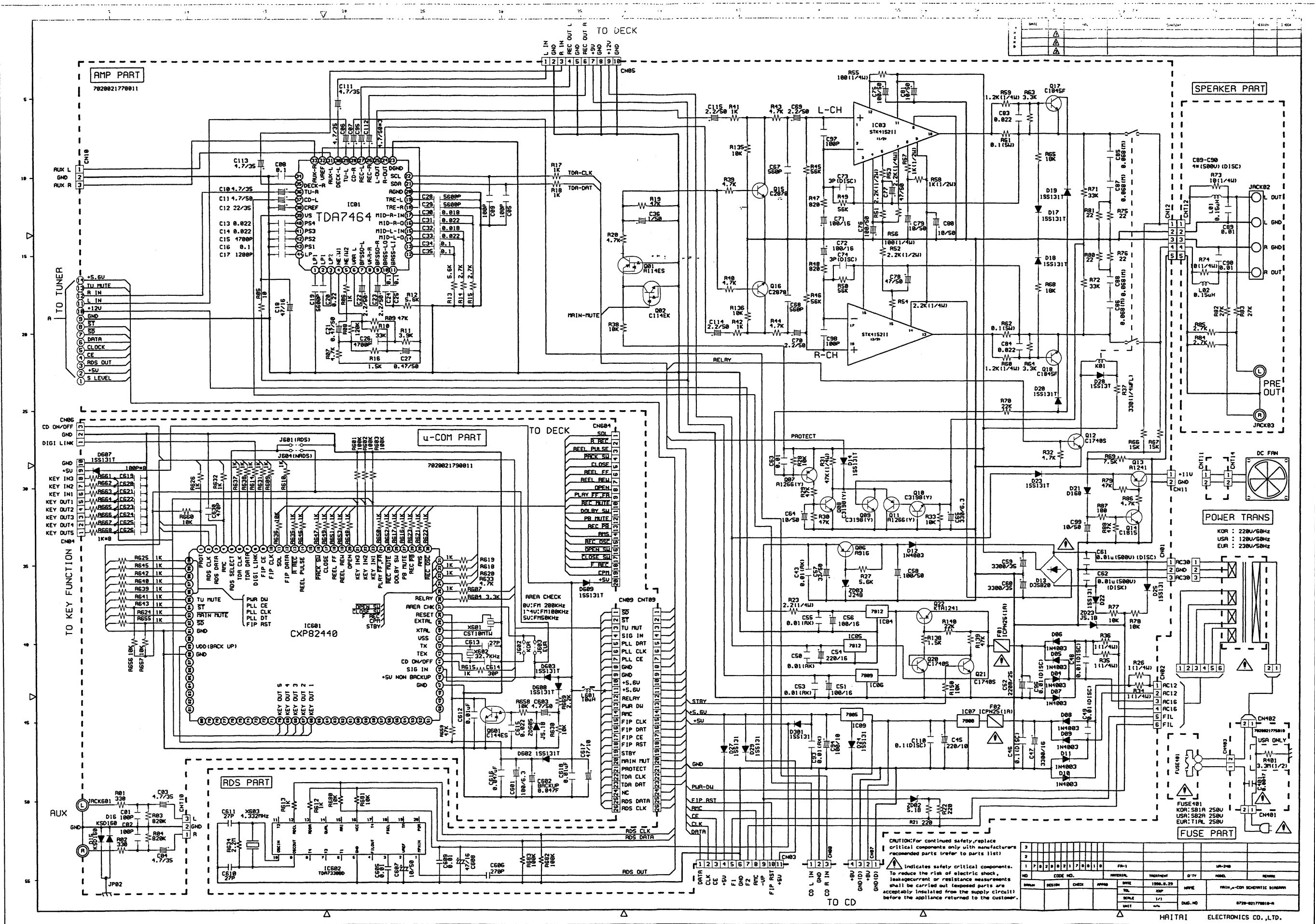
	DESCRIPTION	PARTS NO.
P.C.B AUTO INS ASSY	WA240/LED	7027021774010
R,CARBON FILM	47-J,1/5W-52RE-AX	C00004706P520
LED,ROUND	PI3-GR/HL30GNGV	K500035004030
P.C.B MANU INS ASSY	WA240RDS(D) /FUSE	7028021775030
C,CERAMIC AC(SAFETY)	FZ0.0047UF-M/AC250V(MURA)	D008472089000
CN.WAFER 7.92MM	YAW396-03AV 2P ANGLE	L108039603020
P.C.B MANU INS ASSY	WA240/DECK	7028021800010
P.C.B SMD ASSY	WA240/DECK	7026021800010
P.C.B AUTO INS ASSY	WA240/DECK	7027021800010
R,CARBON FILM	10-J,1/4W-52RE-AX	C000010063520
R,CARBON FILM	1K-J,1/5W-52RE-AX	C00001026P520
R,CARBON FILM	10K-J,1/5W-52RE-AX	C00001036P520
R,CARBON FILM	4.7K-J,1/5W-52RE-AX	C00004726P520
R,CARBON FILM	680-J,1/5W-52RE-AX	C00006816P520
R,CARBON FILM	5.6-J,1/4W-52RE-AX	C0005R6063520
VR,SEMI CERMET MOLD	10KB-6.3H3P,0.1W-50V	C544103015130
VR,SEMI CERMET MOLD	100KB-6.4H3P,0.1W-50V	C544104015140
VR,SEMI CERMET MOLD	22KB-6.4H3P,0.1W-50V	C544223015140
VR,SEMI CERMET MOLD	3.3KB-6H3P,0.1W-50V	C544332015110
C,FILM POLYESTER	MI-0.01UF-J/50V-5RE ECQ-VIH103JL3	D020103167060
C,FILM POLYESTER	MI-0.1UF-J/50V-5RE ECQ-VIH103JL3	D020104167060
C,FILM POLYESTER	MI-0.015UF-J/50V-5RE ECQ-VIH103JL3	D020153167060
C,FILM POLYESTER	MI-0.018UF-J/50V-5RE ECQ-VIH103JL3	D020183167060
C,FILM POLYESTER	S.MI-0.0033UF-J/50V-5RE	D020332167060
C,FILM POLYESTER	S.MI-0.0056UF-J/50V-5RE	D020562167060
C,ELECT GE 85C	1UF-M/50V,3*5-5RE	D040010087070
C,ELECT GE 85C	10UF-M/16V,3*5-5RE	D040100083050
C,ELECT GE 85C	100UF-M/16V,6.3*7-5RE	D040101083060
C,ELECT GE 85C	22UF-M/16V,5*5-5RE	D040220083060
C,ELECT GE 85C	2.2UF-M/50V,4*5-5RE	D0402R2087110
C,ELECT GE 85C	47UF-M/16V,5*7-5RE	D040470083060
C,ELECT GE 85C	4.7UF-M/35V,4*5-5RE	D0404R7085050
C,ELECT GE 85C	0.22UF-M/50V,3*5-5RE	D040R22087110
C,ELECT GE 85C	0.47UF-M/50V,3*5-5RE	D040R47087110
C,ELECT GE 85C	0.68UF-M/50V,3*5-5RE	D040R68087110
SEMI,TR/GE NPN 2SC	KTC3205Y,1W/TO92L-REEL	J5023205Y0020
D,SWITCHING	1SS133T-72-52MM	K000013300520
D,ZENER	MTZJ4.3B-0.5W/5MA-52MM	K06004R344520
D,ZENER	MTZJ4.7B-0.5W/5MA-52MM	K06004R744520
D,ZENER	MTZJ7.5B-0.5W/5MA-52MM	K06007R544520
CN,WIRE 1P	JUMPER (0.6/52MM)	L045084006040
R,CHIP THICK	0-J,1/8W-3216REEL	C200000061300
R,CHIP THICK	10-J,1/10W-2012REEL	C200010060200
R,CHIP THICK	100-J,1/10W-2012REEL	C200010160200
R,CHIP THICK	1K-J,1/10W-2012REEL	C200010260200
R,CHIP THICK	10K-J,1/10W-2012REEL	C200010360200
R,CHIP THICK	120-J,1/10W-2012REEL	C200012160200
R,CHIP THICK	12K-J,1/10W-2012REEL	C200012360200
R,CHIP THICK	120K-J,1/10W-2012REEL	C200012460200
R,CHIP THICK	150-J,1/10W-2012REEL	C200015160200
R,CHIP THICK	1.5K-J,1/10W-2012REEL	C200015260200
R,CHIP THICK	150K-J,1/10W-2012REEL	C200015460200

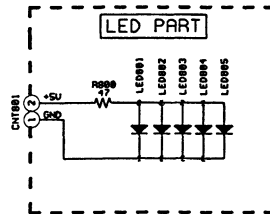
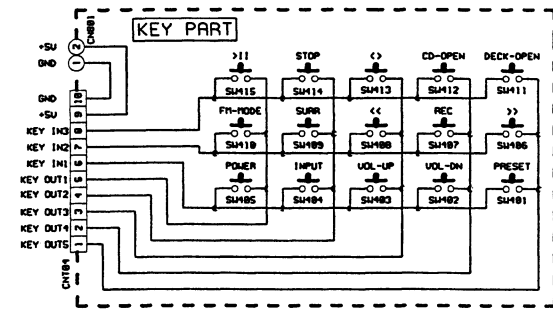
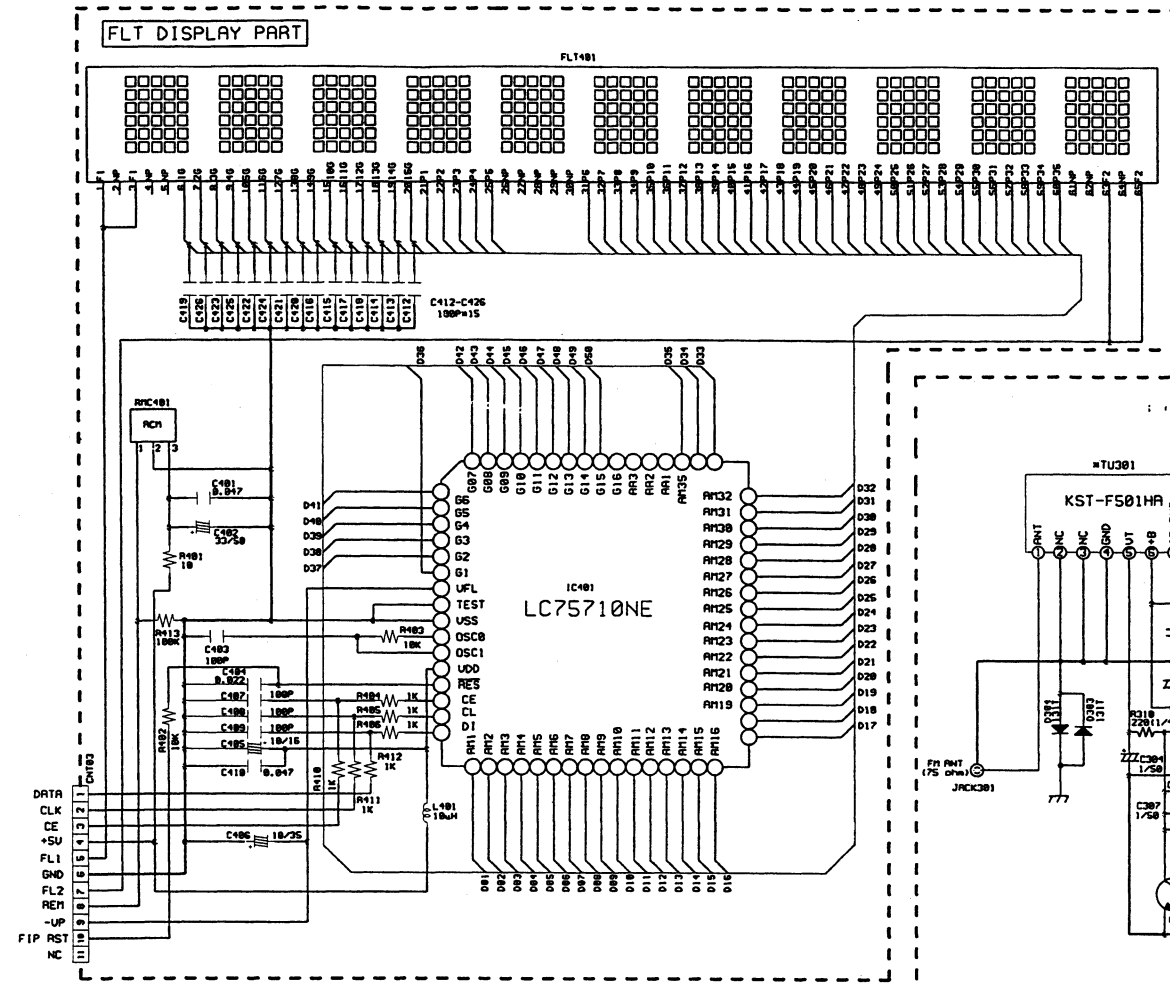
	DESCRIPTION	PARTS NO.
R,CHIP THICK	18K-J,1/10W-2012REEL	C200018360200
R,CHIP THICK	22K-J,1/10W-2012REEL	C200022360200
R,CHIP THICK	220K-J,1/10W-2012REEL	C200022460200
R,CHIP THICK	2.4K-J,1/10W-2012REEL	C200024260200
R,CHIP THICK	27K-J,1/10W-2012REEL	C200027360200
R,CHIP THICK	33K-J,1/10W-2012REEL	C200033360200
R,CHIP THICK	3.6K-J,1/10W-2012REEL	C200036260200
R,CHIP THICK	39K-J,1/10W-2012REEL	C200039360200
R,CHIP THICK	47-J,1/10W-2012REEL	C200047060200
R,CHIP THICK	470-J,1/10W-2012REEL	C200047160200
R,CHIP THICK	4.7K-J,1/10W-2012REEL	C200047260200
R,CHIP THICK	47K-J,1/10W-2012REEL	C200047360200
R,CHIP THICK	470K-J,1/10W-2012REEL	C200047460200
R,CHIP THICK	5.6K-J,1/10W-2012REEL	C200056260200
R,CHIP THICK	680-J,1/10W-2012REEL	C200068160200
R,CHIP THICK	6.8K-J,1/10W-2012REEL	C200068260200
R,CHIP THICK	75K-J,1/10W-2012REEL	C200075360200
R,CHIP THICK	8.2K-J,1/10W-2012REEL	C200082260200
C,CERAMIC CHIP T.C	CH100PF-J/50V-20125REEL	D010101167200
C,CERAMIC CHIP T.C	CH220PF-J/50V-20125REEL	D010221167200
C,CERAMIC CHIP T.C	CH330PF-J/50V-20125REEL	D010331167200
C,CERAMIC CHIP T.C	CH390PF-J/50V-20125REEL	D010391167200
C,CERAMIC CHIP HIK	F0.01UF-Z/50V-20125REEL	D011103597200
C,CERAMIC CHIP HIK	F0.1UF-Z/50V-2012REEL	D011104597200
C,CERAMIC CHIP HIK	X0.0018UF-K/50V-20125REEL	D011182777200
C,CERAMIC CHIP HIK	X0.0027UF-K/50V-20125REEL	D011272777200
C,CERAMIC CHIP HIK	X0.047UF-K/50V-20125REEL	D011473777200
IC,LINEAR EQ	CXA1897Q/AMP&DOLBY-SOP48P	J123189700010
SEMI,CHIP TR/PNP 2SA	2SA1037K,0.2W/SMT-REEL	J5201037K0210
SEMI,CHIP TR/NPN 2SC	DTC114EK,0.2W/SMT-REEL	J5220114E0210
SEMI,CHIP TR/NPN 2SC	DTC144EK,0.2W/SMT-REEL	J5220144E0210
SEMI,CHIP TR/NPN 2SC	DTC343TK,0.2W/SMT-REEL	J5220343T0210
SEMI,CHIP TR/NPN 2SC	2SC2412K,0.2W/SMT-REEL	J5222412K0210
R,CARBON FILM	3K-J,1/5W-52RE-AX	C00003026P520
C,ELECT GE 85C	33UF-M/16V,5*11-5RE	D040330083050
COIL,TRAP	269LN-K5058AUO	D302269505810
TRANS,OSC BIAS	269QN-K5057YAO	E080505700010
FILTER,LC MPX	253AGG-K5030(MPX)	E401503000000
IC,LOGIC	UPC1330HA/SIP9P	J040133000010
IC,LINEAR-DRIVER	LB1649/DIP14P	J127164900010
CN.WAFER 2.0MM	53014-0210 2P	L101530140210
CN.WAFER 2.0MM	53014-0310 3P	L101530140310
CN.WAFER 2.0MM	53014-0810 8P	L101530140810
CN.WAFER 2.0MM	53014-1010 10P	L101530141010
CN.FPC 1.0MM	52807-2010 20P ANGLE	L130528072010
WIRE,FLAT 2877 2.0MM	BK 50MM 8P #26 HOUSING	L321500082610
P.C.B TOTAL ASSY	WA240RDS(D) /CDP,U-COM	7025021790030
C,ELECT GE 85C	1UF-M/50V,3*5-5RE	D040010087070
C,ELECT GE 85C	10UF-M/16V,3*5-5RE	D040100083050
C,ELECT GE 85C	100UF-M/16V,6.3*7-5RE	D040101083060
C,ELECT GE 85C	220UF-M/10V,6.3*11-5RE.SY	D040221082050
C,ELECT GE 85C	47UF-M/16V,5*7-5RE	D040470083060

	DESCRIPTION	PARTS NO.
C,ELECT GE 85C	470UF-M/10V,8*11.5-5RE	D040471082050
C,ELECT GE 85C	0.33UF-M/50V,3*5-5RE	D040R33087110
C,ELECT GE 85C	0.47UF-M/50V,3*5-5RE	D040R47087110
C,ELECT BP 85C	4.7UF-M/50V,5*11-5RE	D0424R7087050
RESONATOR,CERAMIC	CST10.0MTW-TF01/REEL	E830100000050
IC,LINEAR-RESET	KIA7042P,4.2V/TO92-REEL	J125704200010
SEMI,TR/GE PNP 2SA	KTA1266Y,0.6W/TO92-REEL	J5001266Y0050
SEMI,BRT/PNP RA	DTA144TS,0.3W/TO92M-REEL	J6000144T0010
SEMI,BRT/NPN RC	DTC144ES,0.3W/TO92M-REEL	J6020144E0010
SEMI,BRT/NPN RC	DTC343TS,0.3W/TO92M-REEL	J6020343T0010
R,CHIP THICK	1-J,1/10W-2012REEL	C200001060200
R,CHIP THICK	10-J,1/10W-2012REEL	C200010060200
R,CHIP THICK	100-J,1/10W-2012REEL	C200010160200
R,CHIP THICK	1K-J,1/10W-2012REEL	C200010260200
R,CHIP THICK	10K-J,1/10W-2012REEL	C200010360200
R,CHIP THICK	100K-J,1/10W-2012REEL	C200010460200
R,CHIP THICK	1M-J,1/10W-2012REEL	C200010560200
R,CHIP THICK	15K-J,1/10W-2012REEL	C200015360200
R,CHIP THICK	150K-J,1/10W-2012REEL	C200015460200
R,CHIP THICK	22-J,1/10W-2012REEL	C200022060200
R,CHIP THICK	22K-J,1/10W-2012REEL	C200022360200
R,CHIP THICK	330-J,1/10W-2012REEL	C200033160200
R,CHIP THICK	3.3K-J,1/10W-2012REEL	C200033260200
R,CHIP THICK	33K-J,1/10W-2012REEL	C200033360200
R,CHIP THICK	47-J,1/10W-2012REEL	C200047060200
R,CHIP THICK	5.1K-J,1/10W-2012REEL	C200051260200
R,CHIP THICK	5.6K-J,1/10W-2012REEL	C200056260200
R,CHIP THICK	56K-J,1/10W-2012REEL	C200056360200
R,CHIP THICK	91-J,1/10W-2012REEL	C200091060200
R,CHIP THICK	4.7-J,1/10W-2012REEL	C2004R7060200
C,CERAMIC CHIP T.C	CH100PF-J/50V-20125REEL	D010101167200
C,CERAMIC CHIP T.C	CH120PF-J/50V-2012REEL	D010121167200
C,CERAMIC CHIP T.C	CH15PF-J/50V-2012REEL	D010150167200
C,CERAMIC CHIP T.C	CH220PF-J/50V-20125REEL	D010221167200
C,CERAMIC CHIP T.C	CH27PF-J/50V-20125REEL	D010270167200
C,CERAMIC CHIP T.C	CH33PF-J/50V-20125REEL	D010330167200
C,CERAMIC CHIP T.C	CH330PF-J/50V-20125REEL	D010331167200
C,CERAMIC CHIP HIK	X0.001UF-K/50V-20125REEL	D011102777200
C,CERAMIC CHIP HIK	F0.01UF-Z/50V-20125REEL	D011103597200
C,CERAMIC CHIP HIK	F0.1UF-Z/50V-2012REEL	D011104597200
C,CERAMIC CHIP HIK	X0.0015UF-K/50V-20125REEL	D011152777200
C,CERAMIC CHIP HIK	X0.022UF-K/50V-2012REEL	D011223777200
C,CERAMIC CHIP HIK	X0.0027UF-K/50V-20125REEL	D011272777200
C,CERAMIC CHIP HIK	X0.0047UF-K/50V-20125REEL	D011472777200
C,CERAMIC CHIP HIK	X0.047UF-K/50V-20125REEL	D011473777200
C,CERAMIC CHIP HIK	X0.0068UF-K/50V-20125REEL	D011682777200
IC,CPU MICRO PROCESS	CXP82324-508Q/QFP80,DWP345	J020823245080
IC,OPTICAL-RF AMP	CXA1821M/SOP20P	J030182100010
IC,OPTICAL-DSP	CXD2545Q/QFP100P	J031254500010
IC,LOGIC-D/A CONVER	PCM1710U-SOIC28P	J042171000010
IC,LINEAR OP	NJM4580M-SOP8P	J121458000040
IC,LINEAR-DRIVER	BA6392FP/HSOP28P	J127639200010

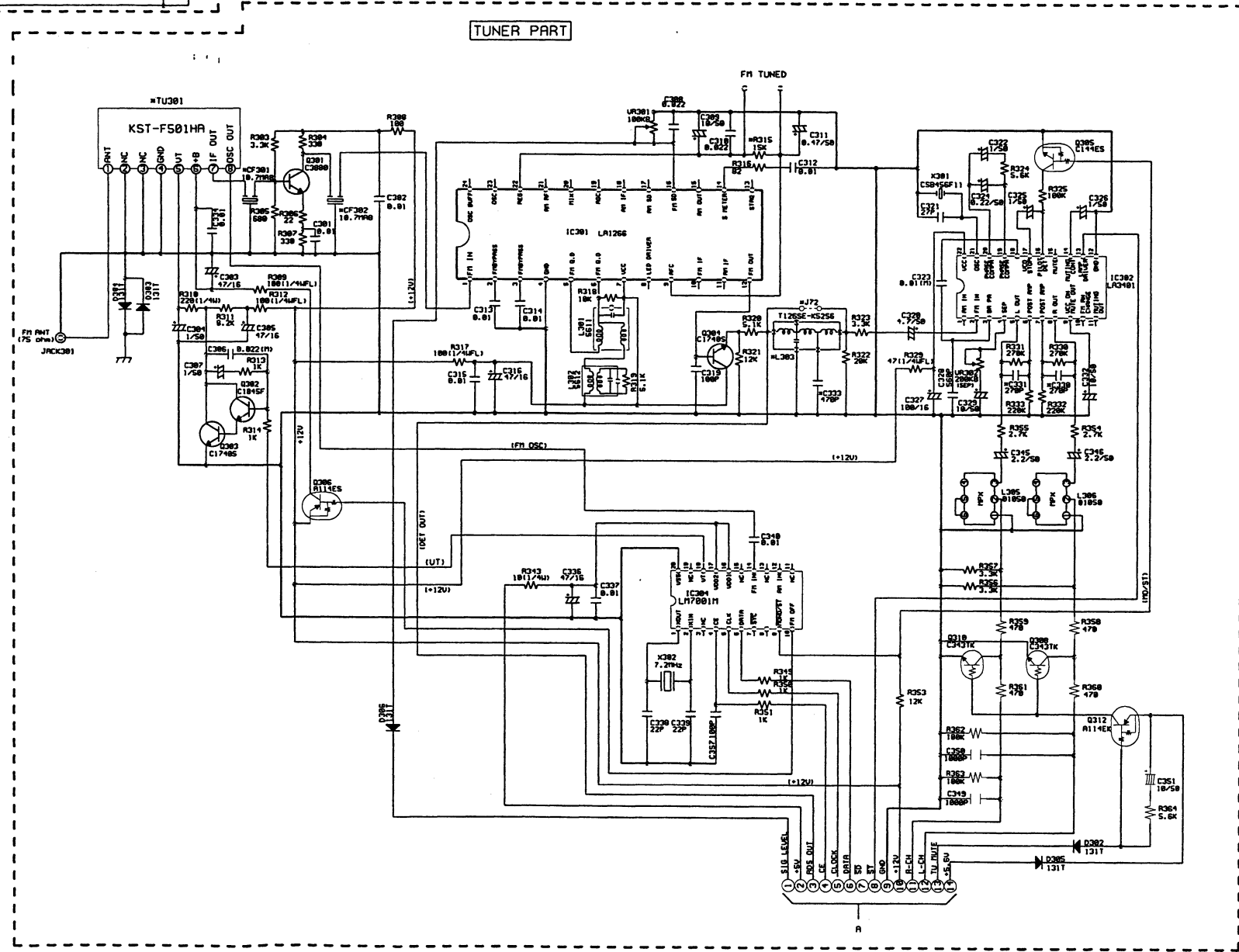
	DESCRIPTION	PARTS NO.
D,SWITCHING CHIP	KDS160	K005016000010
MECHA ASSY	WA240 HCM240	8038041419010
MECHA	CD DRIVE UNIT KSM-331AAN	8030040662010
SW,LEVER	SW SSCF21062A	G140040220010
MOTOR,DC	MOTOR FF-130SH-14230	G700040400010
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/BH	B020030083B10
COIL,FILTER-INDUCTOR	10UH-Q40/24M-R2.5-52RE	D330100700520
COIL,FILTER-INDUCTOR	1UH-Q40/150M-R0.8-52RE	D3301R0700520
CRYSTAL	16.9344MHZ,HC49U-CL;22PF	E80016R934440
IC,LINEAR-REGULATOR	NJM7805FA,16W-T0220F	J126780500130
IC,LINEAR-DRIVER	IC TA7291S	J127729100000
CN,WIRE	90MM 3P 2MM SHIELD	L000900030010
CN.WAFER 1.5MM	CNT PLUG ZH,B2B-ZR 1.5MM	L100020010000
CN.WAFER 2.0MM	53014-0210 2P	L101530140210
CN.WAFER 2.0MM	53014-0310 3P	L101530140310
CN.WAFER 2.0MM	53014-0410 4P	L101530140410
CN.FPC 1.0MM	35802-1819 18P STRAIGHT	L130358021810
P.C.B MANU INS ASSY	WA240RDS(D) /U-COM	7028021791030
P.C.B SMD ASSY	WA240RDS(D) /U-COM	7026021791030
P.C.B AUTO INS ASSY	WA240/U-COM	7027021791010
C,ELECT GE 85C	100UF-M/16V,6.3*7-5RE	D040101083060
C,ELECT GE 85C	47UF-M/16V,5*7-5RE	D040470083060
C,ELECT GE 85C	4.7UF-M/35V,4*5-5RE	D0404R7085050
RESONATOR,CERAMIC	CST10.0MTW-TF01/REEL	E830100000050
SEMI,BRT/NPN RC	DTC144ES,0.3W/TO92M-REEL	J6020144E0010
BEAD,COIL CHIP	BEAD CHIP BK2125HS121-T	7611010000000
R,CHIP THICK	0-J,1/10W-2012REEL	C200000060200
R,CHIP THICK	1K-J,1/10W-2012REEL	C200010260200
R,CHIP THICK	10K-J,1/10W-2012REEL	C200010360200
R,CHIP THICK	100K-J,1/10W-2012REEL	C200010460200
R,CHIP THICK	2.2K-J,1/10W-2012REEL	C200022260200
R,CHIP THICK	330-J,1/10W-2012REEL	C200033160200
R,CHIP THICK	3.3K-J,1/10W-2012REEL	C200033260200
R,CHIP THICK	4.7K-J,1/10W-2012REEL	C200047260200
R,CHIP THICK	47K-J,1/10W-2012REEL	C200047360200
R,CHIP THICK	820K-J,1/10W-2012REEL	C200082460200
C,CERAMIC CHIP T.C	CH100PF-J/50V-20125REEL	D010101167200
C,CERAMIC CHIP T.C	CH27PF-J/50V-20125REEL	D010270167200
C,CERAMIC CHIP T.C	CH30PF-J/50V-20125REEL	D010300167200
C,CERAMIC CHIP T.C	CH470PF-J/50V-20125REEL	D010471167200
C,CERAMIC CHIP HIK	F0.01UF-Z/50V-20125REEL	D011103597200
C,CERAMIC CHIP HIK	X0.022UF-K/50V-2012REEL	D011223777200
C,CERAMIC CHIP HIK	X0.047UF-K/50V-20125REEL	D011473777200
IC,CPU MICRO PROCESS	CXP82440-175Q/QFP100P	J020824401750
D,SWITCHING CHIP	KDS160	K005016000010
RING,TER WIRE	BK 120MM 1007 #22 PI3.2	8410121220010
C,DOUBLE LAYER(70)	H0.047F-70UA/5.5V-10.5*5	D090473904000
COIL,FILTER-INDUCTOR	10UH-Q40/24M-R2.5-52RE	D330100700520
CRYSTAL	32.768KHZ,CFS308-CL;12.5P	E80032R768050
TER,RCA 2PIN	DAERYUNG/JK0200500N(GND)	G601020050020
D,ZENER	MTZJ5.1B-0.5W/5MA-52MM	K06005R144520
CN,WIRE	170MM 10P 2MM #28 WH/BK	L000171100010







L. NO.	KOREA	USA	EUROPE
TU001	KST-F501HA	KST-F501HA	KST-F501HA
CF301	18.5798	18.5798	18.7163
CF302	18.5798	18.5798	18.7163
L303	X	X	X
J72	X	X	X
R314	15K	15K	30K
C331	270P	270P	100P
FUSE401	250V/51A	250V/52A	250V/51A



NO.	DATE	DESIGN	CHECK	APPR.	DATE	THROUGH	QTY	REMARK
1	7/02/01	01	02	01	7/02/01	FR-1	1000	LA-240
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								
65								
66								
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								
81								
82								
83								
84								
85								
86								
87								
88								
89								
90								
91								
92								
93								
94								
95								
96								
97								
98								
99								
100								

	DESCRIPTION	PARTS NO.
CN.WAFER 2.0MM	53014-0310 3P	L101530140310
CN.WAFER 2.5MM	5268-03A 3P ANGLE	L102526803010
CN.FPC 1.0MM	52807-2010 20P ANGLE	L130528072010
CN.FPC 1.0MM	52807-2610 26P ANGLE	L130528072610
P.C.B MANU INS ASSY	WA240/FLT	7028021792010
GROUND	WA240 SPTE T0.3/HOLDER	3650020006010
HOLDER	WA240 ABS BK/FLT	4320020601010
P.C.B SMD ASSY	WA240/FLT	7026021792010
P.C.B AUTO INS ASSY	WA240/FLT	7027021792010
C,ELECT GE 85C	10UF-M/16V,3*5-5RE	D040100083050
C,ELECT GE 85C	10UF-M/35V,5*5-5RE.SY	D040100085070
C,ELECT GE 85C	33UF-M/50V,6.3*8-5RE.SY	D040330087060
R,CHIP THICK	10-J,1/10W-2012REEL	C200010060200
R,CHIP THICK	1K-J,1/10W-2012REEL	C200010260200
R,CHIP THICK	10K-J,1/10W-2012REEL	C200010360200
R,CHIP THICK	100K-J,1/10W-2012REEL	C200010460200
C,CERAMIC CHIP T.C	CH100PF-J/50V-20125REEL	D010101167200
C,CERAMIC CHIP HIK	X0.022UF-K/50V-2012REEL	D011223777200
C,CERAMIC CHIP HIK	X0.047UF-K/50V-20125REEL	D011473777200
IC,LINEAR-DRIVER	LC75710NE-QFP64P	J127757100010
COIL,FILTER-INDUCTOR	10UH-Q40/24M-R2.5-52RE	D330100700520
MODULE,REMOCON	PNA4602MOOLB	E940460200020
DISPLAY,FLT	15-BT-41GK	K530000390020
CN.FPC 1.25MM	8370-11P	L131837001100
MECHA ASSY	WA240 HDL240	8038041429010
DECK	CMAY2Z715A	815004133001A
SW,LEVER	SW SSCF21062A	G140040220010
MOTOR,DC	MOTOR FF-130SH-14230	G700040400010
POWER TRANS	WA240(D) 80*70 230V/50HZ	8200800001030
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/BH	B020030083B10
SCREW,TAP TITE	+2S 3*8 B-TYPE BK/FH	B020030083F10
SCREW,TAP TITE	+2S 3*10 B-TYPE BK/BH	B020030103B10
SCREW,TAP TITE	+2S 3*15 B-TYPE ZNY/BH	B020030151B10
SCREW,TAP TITE	+2S 4*10 B-TYPE ZNY/WPH	B020040101W10
SCREW,TAP TITE	+SAM 3X6	B020930061P10
SPEAKER,ASSY	CABINET	F008001110020
BRACKET ASSY	WA240/WALL2	4018021016010
BRACKET	WA240/WALL-2	4017021016010
BRACKET	WA240 SECC T1.6/WALL 2	4010021016010
INSERT	WA240/RUBBER WALL 2	4510020015010
MIRROR	COVER-L	5147040013020
MIRROR	COVER-R	5147040023020
HOLDER,FUSE	HOLDER FUSE FH 033	G640000100010
FUSE (5.2*20)	250V-T1A-S/V/B/R(TEAR1)	G650102251160
FAN,DC	KD1204PFB2 BRUSHLESS	G720040010020
CN,WIRE	70MM 2P 7.92MM FUSE	L000700020020
CN,WIRE	80MM 8P 2MM SHIELD	L000800080010
CORD ASSY	HITACHI EHD477A (EC) (연호)/CORE	L068040011020
CORD,AC	EHD-0007-066(EC형)	L061040011010
CABLE,FLAT CARD	200MM*11P*1.25*0.1 SHIELD	L301201110010
CABLE,FLAT CARD	70MM*20P*1.0MM(D TYPE) YS	L301700200010
CABLE,FLAT CARD	70MM*26P*1.0MM(C TYPE) YS	L301700260010